

PLUS SEARCH

10601448_CLS

Most Frequently Occurring Classifications of Patents Returned
From A Search of 10601448 on March 02, 2004

Original Classifications

31	701/37
15	280/6.159
11	280/6.157
11	701/38
8	280/6.158
7	280/5.503
7	280/5.507
7	280/5.514
6	267/64.16
6	280/5.515
5	267/64.17
5	267/64.24
5	280/5.501
4	267/64.21
3	280/5.5
3	280/5.508
3	280/6.153
2	29/402.08
2	73/11.07
2	73/121
2	73/862.541
2	180/446
2	180/89.13
2	248/562
2	267/64.18
2	267/64.19
2	280/124.165
2	280/5.502
2	280/5.504
2	280/5.506
2	280/5.51
2	280/5.512
2	280/6.15
2	280/6.152
2	280/6.154
2	280/86.5
2	307/10.8
2	356/28
2	362/465
2	362/466
2	414/699
2	701/1
2	701/39

Cross-Reference Classifications

39	280/5.514
21	280/DIG 1
17	180/41
15	280/5.515
15	280/6.159
14	280/6.157
13	280/5.507
11	280/124.16
11	280/5.508

10 267/64.16
10 280/5.513
8 280/5.51
8 280/6.158
8 701/37
8 701/38
7 248/550
7 267/64.28
6 280/5.501
6 280/5.503
5 267/64.19
5 280/124.106
5 280/5.504
5 280/5.506
4 267/218
4 267/64.21
4 280/124.116
4 280/124.159
4 280/124.161
4 280/5.512
4 280/5.52
4 280/6.15
4 362/464
3 73/146
3 180/24.02
3 188/266.2
3 188/315
3 267/34
3 280/124.104
3 280/124.145
3 280/124.157
3 280/5.519
3 280/6.16
3 280/766.1
3 362/465
3 362/466
3 362/467
3 701/70
2 29/453
2 56/DIG 22
2 60/469
2 73/118.1
2 74/18.2
2 91/433
2 137/625.21
2 137/627.5
2 177/136
2 180/219
2 180/362
2 188/1.11E
2 188/1.11R
2 188/269
2 188/298
2 188/319.1
2 239/159
2 248/421
2 248/429
2 248/566
2 254/423

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2 267/177
2 267/221
2 267/32
2 267/64.15
2 267/64.17
2 267/64.27
2 280/124.101
2 280/124.154
2 280/124.155
2 280/124.158
2 280/124.163
2 280/124.179
2 280/5.5
2 280/5.521
2 280/86.5
2 296/190.07
2 297/344.16
2 303/146
2 307/10.1
2 315/79
2 414/719
2 702/105
2 702/141
2 702/166

Combined Classifications

46 280/5.514
39 701/37
30 280/6.159
25 280/6.157
21 280/5.515
21 280/DIG 1
20 280/5.507
19 701/38
17 180/41
16 267/64.16
16 280/6.158
14 280/5.508
13 280/5.503
12 280/124.16
11 280/5.501
10 280/5.51
10 280/5.513
8 248/550
8 267/64.21
7 267/64.17
7 267/64.19
7 267/64.28
7 280/5.504
7 280/5.506
6 267/64.24
6 280/124.106
6 280/5.512
6 280/6.15
5 280/5.5
5 280/5.52
5 362/464
5 362/465
5 362/466

4 188/266.2
4 267/218
4 267/34
4 280/124.116
4 280/124.157
4 280/124.159
4 280/124.161
4 280/5.519
4 280/6.16
4 280/766.1
4 280/86.5
4 701/70
3 29/402.08
3 73/11.07
3 73/146
3 137/627.5
3 180/24.02
3 188/315
3 248/562
3 254/423
3 267/64.18
3 280/124.104
3 280/124.145
3 280/5.502
3 280/6.153
3 280/6.154
3 307/10.1
3 362/467
3 701/39
2 29/453
2 56/DIG 22
2 60/469
2 73/1.81
2 73/118.1
2 73/121
2 73/862.541
2 74/18.2
2 91/433
2 137/625.21
2 177/1
2 177/136
2 177/141
2 180/219
2 180/362
2 180/446
2 180/89.13
2 188/1.11E
2 188/1.11R
2 188/269
2 188/298
2 188/314
2 188/319.1
2 239/159
2 248/421
2 248/429
2 248/566
2 267/177
2 267/220
2 267/221

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2 267/32
2 267/35
2 267/64.11
2 267/64.15
2 267/64.27
2 280/124.101
2 280/124.154
2 280/124.155
2 280/124.158
2 280/124.163
2 280/124.165
2 280/124.179
2 280/405.1
2 280/475
2 280/477
2 280/490.1
2 280/5.521
2 280/6.152
2 280/735
2 296/190.07
2 297/216.12
2 297/344.16
2 303/146
2 307/10.8
2 315/79
2 340/442
2 340/443
2 356/28
2 414/699
2 414/719
2 701/1
2 701/49
2 702/105
2 702/141
2 702/150
2 702/166

10601448_CLSTITLES

Titles of Most Frequently Occurring Classifications of Patents Returned
From A Search of 10601448 on March 02, 2004

- 46 280/5.514 (7 OR, 39 XR)
 Class 280 : LAND VEHICLES
 280/5.5 SUSPENSION MODIFICATION ENACTED DURING TRAVEL
 (I.E., ACTIVE SUSPENSION CONTROL)
 280/5.514 .Riding or suspension height (e.g.,
 ground-clearance, "trim height")
- 39 701/37 (31 OR, 8 XR)
 Class 701 : DATA PROCESSING: VEHICLES, NAVIGATION, AND
 RELATIVE LOCATION
 701/1 VEHICLE CONTROL, GUIDANCE, OPERATION, OR
 INDICATION
 701/36 .Vehicle subsystem or accessory control
 701/37 ..Suspension control
- 30 280/6.159 (15 OR, 15 XR)
 Class 280 : LAND VEHICLES
 280/6.15 BODY ELEVATION OR TILT
 280/6.157 .Establishing riding or trim height
 280/6.159 ..Load responsive
- 25 280/6.157 (11 OR, 14 XR)
 Class 280 : LAND VEHICLES
 280/6.15 BODY ELEVATION OR TILT
 280/6.157 .Establishing riding or trim height
- 21 280/5.515 (6 OR, 15 XR)
 Class 280 : LAND VEHICLES
 280/5.5 SUSPENSION MODIFICATION ENACTED DURING TRAVEL
 (I.E., ACTIVE SUSPENSION CONTROL)
 280/5.515 .Suspension stiffness for ride comfort (e.g.,
 damping coefficient, spring rate)
- 21 280/DIG 1 (0 OR, 21 XR)
 Class 280 : LAND VEHICLES
 280/DIG 1 Load responsive (leveling of vehicle)
- 20 280/5.507 (7 OR, 13 XR)
 Class 280 : LAND VEHICLES
 280/5.5 SUSPENSION MODIFICATION ENACTED DURING TRAVEL
 (I.E., ACTIVE SUSPENSION CONTROL)
 280/5.507 .Lateral and longitudinal vehicle attitude
 control (e.g., combinations of antidive, antipitch,
 antiroll, antisquat, antisway, antiyaw, riding, or
 suspension height)
- 19 701/38 (11 OR, 8 XR)
 Class 701 : DATA PROCESSING: VEHICLES, NAVIGATION, AND
 RELATIVE LOCATION
 701/1 VEHICLE CONTROL, GUIDANCE, OPERATION, OR
 INDICATION
 701/36 .Vehicle subsystem or accessory control
 701/37 ..Suspension control
 701/38 ...Attitude change suppressive control (e.g.,
 antiroll or antipitch)

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- 17 180/41 (0 OR, 17 XR)
 Class 180 : MOTOR VEHICLES
 180/41 WITH LEVELING DEVICE

- 16 267/64.16 (6 OR, 10 XR)
 Class 267 : SPRING DEVICES
 267/2 VEHICLE
 267/64.11 .Comprising compressible fluid
 267/64.15 ..With retarder
 267/64.16 ...Leveling device

- 16 280/6.158 (8 OR, 8 XR)
 Class 280 : LAND VEHICLES
 280/6.15 BODY ELEVATION OR TILT
 280/6.157 .Establishing riding or trim height
 280/6.158 ..Including dwell period (e.g., delay,
 inactive, suppression)

- 14 280/5.508 (3 OR, 11 XR)
 Class 280 : LAND VEHICLES
 280/5.5 SUSPENSION MODIFICATION ENACTED DURING TRAVEL
 (I.E., ACTIVE SUSPENSION CONTROL)
 280/5.508 .Lateral vehicle disposition

- 13 280/5.503 (7 OR, 6 XR)
 Class 280 : LAND VEHICLES
 280/5.5 SUSPENSION MODIFICATION ENACTED DURING TRAVEL
 (I.E., ACTIVE SUSPENSION CONTROL)
 280/5.503 .Priority assignment between diverse control
 criterion

- 12 280/124.16 (1 OR, 11 XR)
 Class 280 : LAND VEHICLES
 280/29 WHEELED
 280/80.1 .Running gear
 280/124.1 ..Suspension arrangement
 280/124.157 ...Fluidic suspension
 280/124.16Fluid handling details

- 11 280/5.501 (5 OR, 6 XR)
 Class 280 : LAND VEHICLES
 280/5.5 SUSPENSION MODIFICATION ENACTED DURING TRAVEL
 (I.E., ACTIVE SUSPENSION CONTROL)
 280/5.501 .Including fail-safe override of hazardous
 condition

- 10 280/5.51 (2 OR, 8 XR)
 Class 280 : LAND VEHICLES
 280/5.5 SUSPENSION MODIFICATION ENACTED DURING TRAVEL
 (I.E., ACTIVE SUSPENSION CONTROL)
 280/5.508 .Lateral vehicle disposition
 280/5.51 ..Steering element responsive (e.g., steering
 angle, steering rate)

- 10 280/5.513 (0 OR, 10 XR)
 Class 280 : LAND VEHICLES
 280/5.5 SUSPENSION MODIFICATION ENACTED DURING TRAVEL
 (I.E., ACTIVE SUSPENSION CONTROL)

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- 280/5.513 .Longitudinal vehicle disposition (e.g.,
antidive, antipitch, antisquat)
- 8 248/550 (1 OR, 7 XR)
Class 248 : SUPPORTS
248/550 WITH CONDITION RESPONSIVE CONTROL MEANS
- 8 267/64.21 (4 OR, 4 XR)
Class 267 : SPRING DEVICES
267/2 VEHICLE
267/64.11 .Comprising compressible fluid
267/64.15 ..With retarder
267/64.16 ...Leveling device
267/64.19Having flexible wall
267/64.21Including rolling lobe between telescoping
members
- 7 267/64.17 (5 OR, 2 XR)
Class 267 : SPRING DEVICES
267/2 VEHICLE
267/64.11 .Comprising compressible fluid
267/64.15 ..With retarder
267/64.16 ...Leveling device
267/64.17Self-pumping
- 7 267/64.19 (2 OR, 5 XR)
Class 267 : SPRING DEVICES
267/2 VEHICLE
267/64.11 .Comprising compressible fluid
267/64.15 ..With retarder
267/64.16 ...Leveling device
267/64.19Having flexible wall
- 7 267/64.28 (0 OR, 7 XR)
Class 267 : SPRING DEVICES
267/2 VEHICLE
267/64.11 .Comprising compressible fluid
267/64.28 ..Including means for charging or discharging
spring
- 7 280/5.504 (2 OR, 5 XR)
Class 280 : LAND VEHICLES
280/5.5 SUSPENSION MODIFICATION ENACTED DURING TRAVEL
(I.E., ACTIVE SUSPENSION CONTROL)
280/5.504 .Including condition or parameter adjustment
occurring at longitudinally spaced vehicle axles
- 7 280/5.506 (2 OR, 5 XR)
Class 280 : LAND VEHICLES
280/5.5 SUSPENSION MODIFICATION ENACTED DURING TRAVEL
(I.E., ACTIVE SUSPENSION CONTROL)
280/5.504 .Including condition or parameter adjustment
occurring at longitudinally spaced vehicle axles
280/5.506 ..Controlling lateral vehicle attitude (e.g.,
antiroll, antisway)
- 6 267/64.24 (5 OR, 1 XR)
Class 267 : SPRING DEVICES
267/2 VEHICLE

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- 267/64.11 .Comprising compressible fluid
- 267/64.15 ..With retarder
- 267/64.23 ...Having flexible wall
- 267/64.24Including rolling lobe between telescoping members

- 6 280/124.106 (1 OR, 5 XR)
 - Class 280 : LAND VEHICLES
 - 280/29 WHEELED
 - 280/80.1 .Running gear
 - 280/124.1 ..Suspension arrangement
 - 280/124.106 ...Antiroll or antisway

- 6 280/5.512 (2 OR, 4 XR)
 - Class 280 : LAND VEHICLES
 - 280/5.5 SUSPENSION MODIFICATION ENACTED DURING TRAVEL (I.E., ACTIVE SUSPENSION CONTROL)
 - 280/5.508 .Lateral vehicle disposition
 - 280/5.51 ..Steering element responsive (e.g., steering angle, steering rate)
 - 280/5.512 ...Including suspension stiffness for ride comfort (e.g., damping coefficient, spring rate)

- 6 280/6.15 (2 OR, 4 XR)
 - Class 280 : LAND VEHICLES
 - 280/6.15 BODY ELEVATION OR TILT

- 5 280/5.5 (3 OR, 2 XR)
 - Class 280 : LAND VEHICLES
 - 280/5.5 SUSPENSION MODIFICATION ENACTED DURING TRAVEL (I.E., ACTIVE SUSPENSION CONTROL)

- 5 280/5.52 (1 OR, 4 XR)
 - Class 280 : LAND VEHICLES
 - 280/5.5 SUSPENSION MODIFICATION ENACTED DURING TRAVEL (I.E., ACTIVE SUSPENSION CONTROL)
 - 280/5.52 .Suspension geometry (e.g., camber, caster, toe-in/toe-out, wheel track, road contact)

- 5 362/464 (1 OR, 4 XR)
 - Class 362 : ILLUMINATION
 - 362/459 SUPPORTED BY VEHICLE STRUCTURE (E.G., ESPECIALLY ADAPTED FOR VEHICLE)
 - 362/464 .Condition responsive (e.g., position)

- 5 362/465 (2 OR, 3 XR)
 - Class 362 : ILLUMINATION
 - 362/459 SUPPORTED BY VEHICLE STRUCTURE (E.G., ESPECIALLY ADAPTED FOR VEHICLE)
 - 362/464 .Condition responsive (e.g., position)
 - 362/465 ..Automatically adjusted headlamp beam

- 5 362/466 (2 OR, 3 XR)
 - Class 362 : ILLUMINATION
 - 362/459 SUPPORTED BY VEHICLE STRUCTURE (E.G., ESPECIALLY ADAPTED FOR VEHICLE)
 - 362/464 .Condition responsive (e.g., position)
 - 362/465 ..Automatically adjusted headlamp beam
 - 362/466 ...Computer controlled

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- 4 188/266.2 (1 OR, 3 XR)
 Class 188 : BRAKES
 188/266 INTERNAL-RESISTANCE MOTION RETARDER
 188/266.1 .Motion damped from condition (e.g., bump,
 speed change) detected outside of retarder
 188/266.2 ..Condition actuates valve or regulator
- 4 267/218 (0 OR, 4 XR)
 Class 267 : SPRING DEVICES
 267/2 VEHICLE
 267/195 .Mechanical spring and nonresilient retarder
 (e.g., shock absorber)
 267/217 ..Fluid retarder
 267/218 ...With separate pump or adjustment for spring
 loading
- 4 267/34 (1 OR, 3 XR)
 Class 267 : SPRING DEVICES
 267/2 VEHICLE
 267/259 .Compound
 267/34 ..Coil and fluid pressure
- 4 280/124.116 (0 OR, 4 XR)
 Class 280 : LAND VEHICLES
 280/29 WHEELED
 280/80.1 .Running gear
 280/124.1 ..Suspension arrangement
 280/124.11 ...Pivotally mounted axle or axle assembly
 280/124.116Horizontal and transverse pivot axis
- 4 280/124.157 (1 OR, 3 XR)
 Class 280 : LAND VEHICLES
 280/29 WHEELED
 280/80.1 .Running gear
 280/124.1 ..Suspension arrangement
 280/124.157 ...Fluidic suspension
- 4 280/124.159 (0 OR, 4 XR)
 Class 280 : LAND VEHICLES
 280/29 WHEELED
 280/80.1 .Running gear
 280/124.1 ..Suspension arrangement
 280/124.157 ...Fluidic suspension
 280/124.158Hydraulic and pneumatic
 280/124.159Fluid handling details
- 4 280/124.161 (0 OR, 4 XR)
 Class 280 : LAND VEHICLES
 280/29 WHEELED
 280/80.1 .Running gear
 280/124.1 ..Suspension arrangement
 280/124.157 ...Fluidic suspension
 280/124.16Fluid handling details
 280/124.161Closed system
- 4 280/5.519 (1 OR, 3 XR)
 Class 280 : LAND VEHICLES
 280/5.5 SUSPENSION MODIFICATION ENACTED DURING TRAVEL

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(I.E., ACTIVE SUSPENSION CONTROL)

280/5.515 .Suspension stiffness for ride comfort (e.g.,
damping coefficient, spring rate)

280/5.519 ..Plural distinct modes (i.e., HARD-SOFT)

4 280/6.16 (1 OR, 3 XR)
Class 280 : LAND VEHICLES
280/6.15 BODY ELEVATION OR TILT
280/6.157 .Establishing riding or trim height
280/6.159 ..Load responsive
280/6.16 ...Lateral vehicle attitude

4 280/766.1 (1 OR, 3 XR)
Class 280 : LAND VEHICLES
280/29 WHEELED
280/727 .Attachment
280/762 ..Exterior
280/763.1 ...Retractable prop, support, or stabilizer
280/766.1With actuator for translating or
telescoping movement

4 280/86.5 (2 OR, 2 XR)
Class 280 : LAND VEHICLES
280/29 WHEELED
280/80.1 .Running gear
280/86.5 ..Auxiliary axle assembly (e.g., lift or tag
axle)

4 701/70 (1 OR, 3 XR)
Class 701 : DATA PROCESSING: VEHICLES, NAVIGATION, AND
RELATIVE LOCATION
701/1 VEHICLE CONTROL, GUIDANCE, OPERATION, OR
INDICATION
701/70 .Indication or control of braking,
acceleration, or deceleration

3 29/402.08 (2 OR, 1 XR)
Class 029 : METAL WORKING
29/592 METHOD OF MECHANICAL MANUFACTURE
29/402.01 .Repairing
29/402.03 ..With disassembling
29/402.08 ...Replacing of defective part

3 73/11.07 (2 OR, 1 XR)
Class 073 : MEASURING AND TESTING
73/11.04 TESTING OF SHOCK ABSORBING DEVICE (E.G.,
AUTOMOBILE SHOCK ABSORBER, GUN RECOIL APPARATUS, ETC.)
73/11.07 .In situ vehicle suspension

3 73/146 (0 OR, 3 XR)
Class 073 : MEASURING AND TESTING
73/146 TIRE, TREAD OR ROADWAY

3 137/627.5 (1 OR, 2 XR)
Class 137 : FLUID HANDLING
137/561R SYSTEMS
137/627.5 .Sequentially closing and opening alternately
seating flow controllers

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3 180/24.02 (0 OR, 3 XR)
 Class 180 : MOTOR VEHICLES
 180/21 SPECIAL WHEEL BASE
 180/22 .Five or more wheels
 180/24.02 ..Displaceable wheel shifts or proportions load

3 188/315 (0 OR, 3 XR)
 Class 188 : BRAKES
 188/266 INTERNAL-RESISTANCE MOTION RETARDER
 188/297 .Having a thrust member with a variable volume
 chamber (e.g., coaxial or telescoping tubes, compensat
 ing
 reservoir)
 188/313 ..With valve controlling fluid flow between
 chambers or compartments of the chamber
 188/314 ...With reservoir for fluid
 188/315Annular reservoir

3 248/562 (2 OR, 1 XR)
 Class 248 : SUPPORTS
 248/560 RESILIENT SUPPORT
 248/562 .Including additional energy absorbing means,
 e.g., fluid or friction damping, etc.

3 254/423 (1 OR, 2 XR)
 Class 254 : IMPLEMENTS OR APPARATUS FOR APPLYING PUSHING
 OR PULLING FORCE
 254/418 VEHICLE ATTACHED JACK
 254/423 .Hydraulic or pneumatic

3 267/64.18 (2 OR, 1 XR)
 Class 267 : SPRING DEVICES
 267/2 VEHICLE
 267/64.11 .Comprising compressible fluid
 267/64.15 ..With retarder
 267/64.16 ...Leveling device
 267/64.18Having metering pin for varying spring rate

3 280/124.104 (0 OR, 3 XR)
 Class 280 : LAND VEHICLES
 280/29 WHEELED
 280/80.1 .Running gear
 280/124.1 ..Suspension arrangement
 280/124.104 ...Antidive or antisquat

3 280/124.145 (0 OR, 3 XR)
 Class 280 : LAND VEHICLES
 280/29 WHEELED
 280/80.1 .Running gear
 280/124.1 ..Suspension arrangement
 280/124.125 ...Wheel separately supported upon individual
 stub axle (e.g., skein, spindle)
 280/124.134Lateral control arm (i.e., suspension arm)
 280/124.145Including vertically extending strut

3 280/5.502 (2 OR, 1 XR)

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- Class 280 : LAND VEHICLES
 - 280/5.5 SUSPENSION MODIFICATION ENACTED DURING TRAVEL
(I.E., ACTIVE SUSPENSION CONTROL)
 - 280/5.501 .Including fail-safe override of hazardous
condition
 - 280/5.502 ..Of lateral vehicle attitude (e.g., antiroll,
antisway)
- 3 280/6.153 (3 OR, 0 XR)
 - Class 280 : LAND VEHICLES
 - 280/6.15 BODY ELEVATION OR TILT
 - 280/6.153 .Static site leveling (e.g., camper, mobile
home, recreational vehicle, work vehicle)
- 3 280/6.154 (2 OR, 1 XR)
 - Class 280 : LAND VEHICLES
 - 280/6.15 BODY ELEVATION OR TILT
 - 280/6.154 .Terrain slope compensation
- 3 307/10.1 (1 OR, 2 XR)
 - Class 307 : ELECTRICAL TRANSMISSION OR INTERCONNECTION
SYSTEMS
 - 307/9.1 VEHICLE MOUNTED SYSTEMS
 - 307/10.1 .Automobile
- 3 362/467 (0 OR, 3 XR)
 - Class 362 : ILLUMINATION
 - 362/459 SUPPORTED BY VEHICLE STRUCTURE (E.G.,
ESPECIALLY ADAPTED FOR VEHICLE)
 - 362/464 .Condition responsive (e.g., position)
 - 362/465 ..Automatically adjusted headlamp beam
 - 362/467 ...Electromagnetically, electrodynamically, or
electronically actuated
- 3 701/39 (2 OR, 1 XR)
 - Class 701 : DATA PROCESSING: VEHICLES, NAVIGATION, AND
RELATIVE LOCATION
 - 701/1 VEHICLE CONTROL, GUIDANCE, OPERATION, OR
INDICATION
 - 701/36 .Vehicle subsystem or accessory control
 - 701/37 ..Suspension control
 - 701/39 ...Fail-safe system
- 2 29/453 (0 OR, 2 XR)
 - Class 029 : METAL WORKING
 - 29/592 METHOD OF MECHANICAL MANUFACTURE
 - 29/428 .Assembling or joining
 - 29/446 ..With prestressing of part
 - 29/453 ...By snap fit
- 2 56/DIG 22 (0 OR, 2 XR)
 - Class 056 : HARVESTERS
 - 56/DIG 22 Underslung yieldable rotary mower
- 2 60/469 (0 OR, 2 XR)
 - Class 060 : POWER PLANTS
 - 60/325 PRESSURE FLUID SOURCE AND MOTOR
 - 60/469 .Having means controlling or attenuating shock
vibration, sticking or chattering

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2 73/1.81 (1 OR, 1 XR)
 Class 073 : MEASURING AND TESTING
 73/1.01 INSTRUMENT PROVING OR CALIBRATING
 73/1.79 .Displacement, motion, distance, or position
 73/1.81 ..Length, width, or height

2 73/118.1 (0 OR, 2 XR)
 Class 073 : MEASURING AND TESTING
 73/116 MOTOR AND ENGINE TESTING
 73/118.1 .Testing auxiliary unit

2 73/121 (2 OR, 0 XR)
 Class 073 : MEASURING AND TESTING
 73/121 BRAKE TESTING

2 73/862.541 (2 OR, 0 XR)
 Class 073 : MEASURING AND TESTING
 73/862 DYNAMOMETERS
 73/862.381 .Responsive to force
 73/862.541 ..Combined

2 74/18.2 (0 OR, 2 XR)
 Class 074 : MACHINE ELEMENT OR MECHANISM
 74/18 FLEXIBLE SEALING DIAPHRAGM ATTACHED TO MOVING
 ROD AND TO CASING
 74/18.2 .Longitudinally reciprocating rod

2 91/433 (0 OR, 2 XR)
 Class 091 : MOTORS: EXPANSIBLE CHAMBER TYPE
 91/418 WITH MOTIVE FLUID VALVE
 91/433 .Both inlet and exhaust controlled by motive
 fluid pressure in supply line or chamber

2 137/625.21 (0 OR, 2 XR)
 Class 137 : FLUID HANDLING
 137/561R SYSTEMS
 137/625 .Multi-way valve unit
 137/625.2 ..Supply and exhaust
 137/625.21 ...Rotary valve

2 177/1 (1 OR, 1 XR)
 Class 177 : WEIGHING SCALES
 177/1 PROCESSES

2 177/136 (0 OR, 2 XR)
 Class 177 : WEIGHING SCALES
 177/132 STRUCTURAL INSTALLATION
 177/136 .Vehicle

2 177/141 (1 OR, 1 XR)
 Class 177 : WEIGHING SCALES
 177/132 STRUCTURAL INSTALLATION
 177/136 .Vehicle
 177/141 ..Hydraulic weigher

2 180/219 (0 OR, 2 XR)
 Class 180 : MOTOR VEHICLES
 180/21 SPECIAL WHEEL BASE

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180/218 .Having only two wheels
180/219 ..Arranged in tandem

2 180/362 (0 OR, 2 XR)
Class 180 : MOTOR VEHICLES
180/337 TRANSMISSION MECHANISM
180/348 .Final drive axle movable
180/359 ..With sprung differential
180/362 ...And transverse leaf spring suspension

2 180/446 (2 OR, 0 XR)
Class 180 : MOTOR VEHICLES
180/400 STEERING GEAR
180/443 .With electric power assist
180/446 ..Condition modulated

2 180/89.13 (2 OR, 0 XR)
Class 180 : MOTOR VEHICLES
180/89.1 BODIES
180/89.13 .Movable cab or operator's station

2 188/1.11E (0 OR, 2 XR)
Class 188 : BRAKES
188/1.11R WITH CONDITION INDICATOR
188/1.11E .Electrical

2 188/1.11R (0 OR, 2 XR)
Class 188 : BRAKES
188/1.11R WITH CONDITION INDICATOR

2 188/269 (0 OR, 2 XR)
Class 188 : BRAKES
188/266 INTERNAL-RESISTANCE MOTION RETARDER
188/269 .Using diverse fluids

2 188/298 (0 OR, 2 XR)
Class 188 : BRAKES
188/266 INTERNAL-RESISTANCE MOTION RETARDER
188/297 .Having a thrust member with a variable volume
chamber (e.g., coaxial or telescoping tubes, compensatin
g reservoir)
188/298 ..Forming flexible wall enclosure for fluid

2 188/314 (1 OR, 1 XR)
Class 188 : BRAKES
188/266 INTERNAL-RESISTANCE MOTION RETARDER
188/297 .Having a thrust member with a variable volume
chamber (e.g., coaxial or telescoping tubes, compensati
ng reservoir)
188/313 ..With valve controlling fluid flow between
chambers or compartments of the chamber
188/314 ...With reservoir for fluid

2 188/319.1 (0 OR, 2 XR)
Class 188 : BRAKES
188/266 INTERNAL-RESISTANCE MOTION RETARDER
188/297 .Having a thrust member with a variable volume

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chamber (e.g., coaxial or telescoping tubes, compensat

ing

- reservoir)
 - 188/316 ..Fluid through or around piston within chamber
 - 188/317 ...Via fixed or variable orifice in piston
 - 188/319.1 Having an orifice adjustment for both
 jounce or bound (compression) and rebound
- 2 239/159 (0 OR, 2 XR)
 - Class 239 : FLUID SPRINKLING, SPRAYING, AND DIFFUSING
 - 239/146 WITH MOBILE TANK-TYPE SUPPLY MEANS
 - 239/159 .Spray boom or bar type distributor
- 2 248/421 (0 OR, 2 XR)
 - Class 248 : SUPPORTS
 - 248/127 STAND
 - 248/157 .Adjustable vertically
 - 248/421 ..Toggle or link
- 2 248/429 (0 OR, 2 XR)
 - Class 248 : SUPPORTS
 - 248/127 STAND
 - 248/424 .Horizontally movable support surface
 - 248/429 ..On slide or guide
- 2 248/566 (0 OR, 2 XR)
 - Class 248 : SUPPORTS
 - 248/560 RESILIENT SUPPORT
 - 248/562 .Including additional energy absorbing means,
 e.g., fluid or friction damping, etc.
 - 248/566 ..Variable or adjustable energy absorbing means
- 2 267/177 (0 OR, 2 XR)
 - Class 267 : SPRING DEVICES
 - 267/166 COIL
 - 267/170 .Including end thrust member
 - 267/177 ..Adjustable
- 2 267/220 (1 OR, 1 XR)
 - Class 267 : SPRING DEVICES
 - 267/2 VEHICLE
 - 267/195 .Mechanical spring and nonresilient retarder
 (e.g., shock absorber)
 - 267/217 ..Fluid retarder
 - 267/219 ...Elastomeric spring
 - 267/220 Mounted at end of retarder
- 2 267/221 (0 OR, 2 XR)
 - Class 267 : SPRING DEVICES
 - 267/2 VEHICLE
 - 267/195 .Mechanical spring and nonresilient retarder
 (e.g., shock absorber)
 - 267/217 ..Fluid retarder
 - 267/221 ...Helical coil spring
- 2 267/32 (0 OR, 2 XR)
 - Class 267 : SPRING DEVICES

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- 267/2 VEHICLE
- 267/259 .Compound
- 267/31 ..Leaf and fluid pressure
- 267/32 ...Leaf-end-connecting

- 2 267/35 (1 OR, 1 XR)
 - Class 267 : SPRING DEVICES
 - 267/2 VEHICLE
 - 267/259 .Compound
 - 267/35 ..Rubber type and fluid pressure

- 2 267/64.11 (1 OR, 1 XR)
 - Class 267 : SPRING DEVICES
 - 267/2 VEHICLE
 - 267/64.11 .Comprising compressible fluid

- 2 267/64.15 (0 OR, 2 XR)
 - Class 267 : SPRING DEVICES
 - 267/2 VEHICLE
 - 267/64.11 .Comprising compressible fluid
 - 267/64.15 ..With retarder

- 2 267/64.27 (0 OR, 2 XR)
 - Class 267 : SPRING DEVICES
 - 267/2 VEHICLE
 - 267/64.11 .Comprising compressible fluid
 - 267/64.27 ..Having flexible wall

- 2 280/124.101 (0 OR, 2 XR)
 - Class 280 : LAND VEHICLES
 - 280/29 WHEELED
 - 280/80.1 .Running gear
 - 280/124.1 ..Suspension arrangement
 - 280/124.101 ...Including preparatory elasticity parameter selection

- 2 280/124.154 (0 OR, 2 XR)
 - Class 280 : LAND VEHICLES
 - 280/29 WHEELED
 - 280/80.1 .Running gear
 - 280/124.1 ..Suspension arrangement
 - 280/124.125 ...Wheel separately supported upon individual stub axle (e.g., skein, spindle)
 - 280/124.154Vertically extending telescopic strut

- 2 280/124.155 (0 OR, 2 XR)
 - Class 280 : LAND VEHICLES
 - 280/29 WHEELED
 - 280/80.1 .Running gear
 - 280/124.1 ..Suspension arrangement
 - 280/124.125 ...Wheel separately supported upon individual stub axle (e.g., skein, spindle)
 - 280/124.154Vertically extending telescopic strut
 - 280/124.155Upper strut mount detail

- 2 280/124.158 (0 OR, 2 XR)
 - Class 280 : LAND VEHICLES
 - 280/29 WHEELED
 - 280/80.1 .Running gear

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- 280/124.1 ..Suspension arrangement
- 280/124.157 ...Fluidic suspension
- 280/124.158Hydraulic and pneumatic

- 2 280/124.163 (0 OR, 2 XR)
 - Class 280 : LAND VEHICLES
 - 280/29 WHEELED
 - 280/80.1 .Running gear
 - 280/124.1 ..Suspension arrangement
 - 280/124.157 ...Fluidic suspension
 - 280/124.162Including mechanical spring element
 - 280/124.163Leaf spring

- 2 280/124.165 (2 OR, 0 XR)
 - Class 280 : LAND VEHICLES
 - 280/29 WHEELED
 - 280/80.1 .Running gear
 - 280/124.1 ..Suspension arrangement
 - 280/124.164 ...Mechanical spring element
 - 280/124.165Plural diverse mechanical spring elements

- 2 280/124.179 (0 OR, 2 XR)
 - Class 280 : LAND VEHICLES
 - 280/29 WHEELED
 - 280/80.1 .Running gear
 - 280/124.1 ..Suspension arrangement
 - 280/124.164 ...Mechanical spring element
 - 280/124.179Coil spring

- 2 280/405.1 (1 OR, 1 XR)
 - Class 280 : LAND VEHICLES
 - 280/29 WHEELED
 - 280/400 .Articulated vehicle
 - 280/405.1 ..Load distribution adjustment

- 2 280/475 (1 OR, 1 XR)
 - Class 280 : LAND VEHICLES
 - 280/29 WHEELED
 - 280/400 .Articulated vehicle
 - 280/475 ..With retractable ground support

- 2 280/477 (1 OR, 1 XR)
 - Class 280 : LAND VEHICLES
 - 280/29 WHEELED
 - 280/400 .Articulated vehicle
 - 280/477 ..Connection facilitating

- 2 280/490.1 (1 OR, 1 XR)
 - Class 280 : LAND VEHICLES
 - 280/29 WHEELED
 - 280/400 .Articulated vehicle
 - 280/490.1 ..Vertically adjustable

- 2 280/5.521 (0 OR, 2 XR)
 - Class 280 : LAND VEHICLES
 - 280/5.5 SUSPENSION MODIFICATION ENACTED DURING TRAVEL
(I.E., ACTIVE SUSPENSION CONTROL)
 - 280/5.52 .Suspension geometry (e.g., camber, caster,

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toe-in/toe-out, wheel track, road contact)

280/5.521 ..Camber or caster

2 280/6.152 (2 OR, 0 XR)
 Class 280 : LAND VEHICLES
 280/6.15 BODY ELEVATION OR TILT
 280/6.151 .Loading position
 280/6.152 ..Occupant ingress or egress

2 280/735 (1 OR, 1 XR)
 Class 280 : LAND VEHICLES
 280/29 WHEELED
 280/727 .Attachment
 280/728.1 ..Inflatable passenger restraint or confinement
 (e.g., air bag) or attachment
 280/734 ...Responsive to vehicle condition
 280/735 Electric control and/or sensor means

2 296/190.07 (0 OR, 2 XR)
 Class 296 : LAND VEHICLES: BODIES AND TOPS
 296/1.01 BODIES
 296/187.01 .Structural detail
 296/190.01 ..Operator`s cab
 296/190.04 ...Movable or removable cab
 296/190.07 Resilient support

2 297/216.12 (1 OR, 1 XR)
 Class 297 : CHAIRS AND SEATS
 297/216.1 CRASH SEAT
 297/216.12 .Force-absorbing means incorporated into
 headrest area

2 297/344.16 (0 OR, 2 XR)
 Class 297 : CHAIRS AND SEATS
 297/311 MOVABLE BOTTOM
 297/344.1 .Bottom and back movable as a unit
 297/344.12 ..Vertically adjustable
 297/344.15 ...Pivotal linkage assembly
 297/344.16 Gas or hydraulic cylinder

2 303/146 (0 OR, 2 XR)
 Class 303 : FLUID-PRESSURE AND ANALOGOUS BRAKE SYSTEMS
 303/121 SPEED-CONTROLLED
 303/146 .With yaw control

2 307/10.8 (2 OR, 0 XR)
 Class 307 : ELECTRICAL TRANSMISSION OR INTERCONNECTION
 SYSTEMS
 307/9.1 VEHICLE MOUNTED SYSTEMS
 307/10.1 .Automobile
 307/10.8 ..Lighting circuits

2 315/79 (0 OR, 2 XR)
 Class 315 : ELECTRIC LAMP AND DISCHARGE DEVICES: SYSTEMS
 315/76 SPECIAL APPLICATION
 315/77 .Vehicle
 315/79 ..Vehicle or engine speed controlled

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- 2 340/442 (1 OR, 1 XR)
 - Class 340 : COMMUNICATIONS: ELECTRICAL
 - 340/425.5 LAND VEHICLE ALARMS OR INDICATORS
 - 340/438 .Internal alarm or indicator responsive to a
condition of the vehicle
 - 340/442 ..Tire deflation or inflation

- 2 340/443 (1 OR, 1 XR)
 - Class 340 : COMMUNICATIONS: ELECTRICAL
 - 340/425.5 LAND VEHICLE ALARMS OR INDICATORS
 - 340/438 .Internal alarm or indicator responsive to a
condition of the vehicle
 - 340/442 ..Tire deflation or inflation
 - 340/443 ...By indirect detection means (e.g., height
measurement)

- 2 356/28 (2 OR, 0 XR)
 - Class 356 : OPTICS: MEASURING AND TESTING
 - 356/27 VELOCITY OR VELOCITY/HEIGHT MEASURING
 - 356/28 .With light detector (e.g., photocell)

- 2 414/699 (2 OR, 0 XR)
 - Class 414 : MATERIAL OR ARTICLE HANDLING
 - 414/680 VERTICALLY SWINGING LOAD SUPPORT
 - 414/685 .Shovel or fork type
 - 414/697 ..Tilting
 - 414/699 ...Control means responsive to sensed condition

- 2 414/719 (0 OR, 2 XR)
 - Class 414 : MATERIAL OR ARTICLE HANDLING
 - 414/680 VERTICALLY SWINGING LOAD SUPPORT
 - 414/685 .Shovel or fork type
 - 414/719 ..Return, buffer, or counterweight feature

- 2 701/1 (2 OR, 0 XR)
 - Class 701 : DATA PROCESSING: VEHICLES, NAVIGATION, AND
RELATIVE LOCATION
 - 701/1 VEHICLE CONTROL, GUIDANCE, OPERATION, OR
INDICATION

- 2 701/49 (1 OR, 1 XR)
 - Class 701 : DATA PROCESSING: VEHICLES, NAVIGATION, AND
RELATIVE LOCATION
 - 701/1 VEHICLE CONTROL, GUIDANCE, OPERATION, OR
INDICATION
 - 701/36 .Vehicle subsystem or accessory control
 - 701/49 ..Vehicle equipment position control (e.g.,
seat, mirror, door, window, headrest, or headlamp)

- 2 702/105 (0 OR, 2 XR)
 - Class 702 : DATA PROCESSING: MEASURING, CALIBRATING, OR
TESTING
 - 702/85 CALIBRATION OR CORRECTION SYSTEM
 - 702/105 .For mechanical system

- 2 702/141 (0 OR, 2 XR)
 - Class 702 : DATA PROCESSING: MEASURING, CALIBRATING, OR
TESTING

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	702/127	MEASUREMENT SYSTEM
	702/141	.Accelerometer
2	702/150	(1 OR, 1 XR)
	Class	702 : DATA PROCESSING: MEASURING, CALIBRATING, OR TESTING
	702/127	MEASUREMENT SYSTEM
	702/150	.Orientation or position
2	702/166	(0 OR, 2 XR)
	Class	702 : DATA PROCESSING: MEASURING, CALIBRATING, OR TESTING
	702/127	MEASUREMENT SYSTEM
	702/155	.Dimensional determination
	702/166	..Height or depth

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